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Plant records from Buffalo and vicinity

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The purpose of this article is twofold; to honor the memory of the late Dr. G. Claude Hicks, Professor of Biology at the University of Buffalo, and to add materially to the records of the flora of the Buffalo region.

The following list of plants is a record of those collected by Dr. Hicks, together with a few by the author, during the season of 1928. The intensive collections of the *Cyperaceae* testify to his interest in that group and, indeed, it may safely be said that he was one of the most promising investigators in the cytology of that difficult group. The results of his labor there may be observed in the November 1928 and in the October 1929 issues of the Botanical Gazette.

Dr. Hicks sent duplicates of all his collections to the Gray Herbarium where they were critically determined through the courtesy of Professor M. L. Fernald and Dr. Lyman Smith.

Plant records from western New York and adjacent Canada are limited to four or five publications of note and the basis for recognizing new stations and additions to the flora must necessarily rest on these published accounts. These are the records of David F. Day in his catalogue of the plants of Buffalo and vicinity with two supplements; a catalogue of the plants of the Niagara Falls region, by the same author; a catalogue of Canadian plants by John Macoun, as published in the "Geological Survey of Canada"; and a list of plants from Point Abino, Ontario, Canada, published in "The Canadian Field Naturalist" by Homer D. House. Access was also had to a herbarium of local plants collected and presented to the Buffalo Society of Natural Sciences by Frank Johnson.

<i>Equisetum arvense</i> L.	North Evans, N. Y.	9/29/28	K.	N.S.
<i>Sagittaria latifolia</i> Willd.				
<i>forma hastata</i> Robinson	E. Aurora, N. Y.	8/7/28	K.	

<i>Glyceria septentrionalis</i> Hitche.	Angola-on-the Lake, N. Y.	7/28/28	K.	N.H.
<i>Glyceria nervata</i> (Willd.) Trin.	E. Aurora, N. Y.	8/7/28	H.	N.S.
<i>Panicum capillare</i> L.	Buffalo, N. Y.	9/26/28	H.	
<i>Panicum Lindheimeri</i> Nash. var. <i>fascicularum</i> Fern.	Hamburg, N. Y.	6/30/28	H.	
var. <i>implicatum</i> Fern.	Angola-on-the-Lake N. Y.	7/15/28	H.	
<i>Setaria glauca</i> Beauv.	Buffalo, N. Y.	9/26/28	H.	
<i>Setaria viridis</i> Beauv.	E. Aurora, N. Y.	8/7/28	H.	N.S.
<i>Agrostis alba</i> L.	Hamburg, N. Y.	10/30/28	K.	
<i>Calamagrostis canadensis</i> Beauv.	N. Evans, N. Y.	9/29/28	K.	
<i>Cinna arundinacea</i> L.	Getzville, N. Y.	9/10/28	H.	N.S.
<i>Poa pratensis</i> L.	Tonawanda, N. Y.	6/25/28	H.	
<i>Poa palustris</i> L.	Tonawanda, N. Y.	6/25/28	H.	N.S.
<i>Poa compressa</i> L.	Hamburg, N. Y.	6/30/28	H.	
<i>Festuca elatior</i> L.	Tonawanda, N. Y.	6/25/28	H.	
<i>Bromus secalinus</i> L.	Hamburg, N. Y.	6/30/28	H.	
<i>Bromus tectorum</i> L.	Niagara Falls, N. Y.	6/16/28	H.	N.S.
<i>Asperella Hystrix</i> Humb. var. <i>Bigeloviana</i> Fern.	Tonawanda, N. Y.	6/25/28	H.	
<i>Elymus virginicus</i> L.	Getzville, N. Y.	9/10/28	H.	N.S.
<i>Hordeum jubatum</i> L.	Tonawanda, N. Y.	7/8/28	H.	
<i>Cyperus strigosus</i> L.	Hamburg, N. Y.	9/9/28	K.	
<i>Carex vulpinoidea</i> Michx.	Tonawanda, N. Y.	6/25/28	H.	N.S.
<i>Carex rosea</i> Schkuk.	Springbrook, N. Y.	6/24/28	K.	N.S.
<i>Carex lupulina</i> L.	Angola-on-the-Lake, N. Y.	7/15/28	H.	N.S.
<i>Carex triceps</i> Michx. var. <i>hirsuta</i> Bailey	Hamburg, N. Y.	6/30/28	H.	N.H.
<i>Carex stipata</i> Muhl.	Tonawanda, N. Y.	6/25/28	H.	N.S.
<i>Carex crinita</i> Lam.	Tonawanda, N. Y.	6/25/28	H.	N.S.
<i>Carex tribuloides</i> Wahlenb.	Getzville, N. Y.	9/10/28	K.	N.S.
<i>Carex lurida</i> Wahlbenb.	Angola-on-the-Lake, N. Y.	7/15/28	H.	N.S.
<i>Carex tenera</i> Dewey	Hamburg, N. Y.	6/30/28	H.	N.S.
<i>Eleocharis capitata</i> R. Br.	Cedar Bay, Ontario, Can.	7/6/28	H.	
<i>Scirpus validus</i> Vahl.	N. Evans, N. Y.	9/29/28	K.	N.S.
<i>Scirpus cyperinus</i> Kunth.	N. Boston, N. Y.	10/3/28	H.	N.S.
<i>Scirpus atrovirens</i> Muhl.	Springville, N. Y.	7/15/28	H.	N.S.
<i>Juncus effusus</i> L. var. <i>solutus</i> Fern. and Wiegand	Angola-on-the-Lake, N. Y.	7/15/28	H.	N.S.
<i>Juncus balticus</i> Willd. var. <i>littoralis</i> Engelm. f. <i>dis-</i> <i>sitiflorus</i> Engelm.	Cedar Bay, Ont., Can.	6/7/28	H.	N.H.
<i>Juncus Torreyi</i> Coville	N. Evans, N. Y.	9/29/28	K.	N.S.
<i>Uvularia grandiflora</i> Sm.	Hamburg, N. Y.	4/29/28	K.	N.S.

<i>Habenaria fimbriata</i> R. Br.	Springville, N. Y.	7/15/28	H.
<i>Polygonum convolvulus</i> L.	Hamburg, N. Y.	9/24/28	K.
<i>Penthorum sedoides</i> L.	Getzville, N. Y.	9/10/28	K.
<i>Sedum triphyllum</i> S. F. Gray	Crystal Lake, N. Y.	4/28/28	H.
<i>Chrysosplenium americanum</i> Schwein.	Crystal Lake, N. Y.	4/28/28	H.
<i>Rubus alleghaniensis</i> Porter	Tonawanda, N. Y.	6/25/28	H. N.S.
<i>Medicago lupulina</i> L.	Niagara Glen, Canada	7/8/28	H.
<i>Lathyrus maritimus</i> Bigel. var. <i>glaber</i> (Ser.) Eames	Cedar Bay, Ont., Can.	7/6/28	H.
<i>Desmodium paniculatum</i> DC.	Springbrook, N. Y.	9/15/28	K.
<i>Polygala Senega</i> L.	Niagara Falls, N. Y.	6/16/28	H.
<i>Circaea alpina</i> L.	Angola-on-the-Lake, N. Y.	7/28/28	K. N.S.
<i>Sanicula marilandica</i> L.	E. Aurora, N. Y.	8/7/28	H. N.S.
<i>Sanicula canadensis</i> L.	Angola-on-the-Lake, N. Y.	7/15/28	H. N.S.
<i>Osmorrhiza Claytoni</i> Clarke	Angola-on-the-Lake, N. Y.	7/15/28	H. N.S.
<i>Apocynum hypericiifolium</i> Ait.	Cedar Bay, Ont., Canada	7/6/28	H. N.H.
<i>Ilysanthes dubia</i> Barn.	N. Boston, N. Y.	10/3/28	H.
<i>Senecio Smallii</i> Britton top of gorge, not in the New York flora	Niagara Falls, N. Y.	6/16/28	H.
<i>Crepis biennis</i> L.	Getzville, N. Y.	10/10/28	K.
<i>Solidago juncea</i> Ait.	Angola-on-the-Lake, N. Y.	11/28/28	K. N.S.
<i>Solidago nemoralis</i> Ait.	Buffalo, N. Y.	10/20/28	K.
<i>Solidago bicolor</i> L.	N. Boston, N. Y.	10/3/28	H.
<i>Solidago gramimifolia</i> Salisb.	N. Boston, N. Y.	10/3/28	H.
<i>Solidago caesia</i> L. var. <i>axil-</i> <i>laris</i> Gray	Springbrook, N. Y.	9/15/28	K.
<i>Ambrosia artemisiifolia</i> Gray var. <i>aelatior</i> Smith	N. Boston, N. Y.	10/3/28	K.
<i>Aster divaricatus</i> L.	N. Boston, N. Y.	10/3/28	K.
<i>Prenanthes altissima</i> L.	N. Boston, N. Y.	10/3/28	K. N.S.
<i>Bidens vulgata</i> Greene	Springbrook, N. Y.	9/15/28	K.
<i>Bidens cernua</i> L.	Springbrook, N. Y.	9/15/28	K.
<i>Heliopsis scabra</i> Dunal.	Springbrook, N. Y.	9/15/28	K.
<i>Helianthus scaberrimus</i> Ell.	N. Evans, N. Y.	9/29/28	K. N.H.
<i>Erigeron ramosus</i> BSP.	N. Boston, N. Y.	10/3/28	K.

EXPLANATION:

H. means Dr. G. Claude Hicks

K. means Irving William Knobloch

N. S. means New Station

N. H. means New Here

BUFFALO, N. Y.